BHS in Public Health

Degree Program Description

Public health includes activities needed to promote and protect the health of people and the communities that they live in. While doctors treat people who are sick, the field of public health is organized around trying to prevent illness and injuries in the first place; and promote healthy behavior. People in the field of public health work to assure the conditions in which people can be healthy by tracking disease and outbreaks, preventing injuries, and studying how and why some people are more likely to suffer from poor health and health inequities than others. The many facets of public health include speaking out for laws or policies that promote smoke-free indoor air, school nutrition, and seat belts; collecting and disseminating education about how to stay healthy, and offering science-based solutions to health problems - among others.

The Bachelor of Health Science in Public Health degree prepares students for introductory careers in all core areas of public health, such as health education, epidemiology, health policy, and environmental health. The courses introduce students to key concepts, theories, problems, and solutions in public health, and also focus on the links between public health and social justice and human rights.

Major Program Requirements

All students enrolled in the Bachelor of Health Science in Public Health (abbreviated as BHS in Pub_Hlth) Program are subject to the general regulations of the University. Students seeking admission to the BHS in Pub_Hlth Program must be admitted to the University. In addition to meeting minimum standards established by the University of Missouri, students must also comply with the rules and regulations set forth in the BHS in Pub_Hlth policy document. Students should be aware that this degree program requires a high degree of individual research, planning, and self-motivation to be successful. Questions or concerns should be directed to the BHS in Pub_Hlth Program Director, or an academic advisor. Rules and regulations governing students at the University of Missouri can be found in the undergraduate catalog and the University’s collected rules and regulations.

All students with a 2.75 GPA of Record and students in their first semester who do not yet have an established GPA of Record may petition the Associate Chair of the Department of Public Health and will be handled on a case by case basis. Students who fail to comply with the BHS in Pub_Hlth policies or do not maintain a 2.75 term GPA and GPA of Record may petition the Associate Chair of the Department of Public Health program. Students who fail to achieve the term GPA and GPA of Record requirement will be given two semesters to bring their term GPA and GPA of Record up to the 2.75 requirement, provided they meet the University’s standards for continued enrollment. Students who do not meet the 2.75 GPA of Record may petition the Associate Chair of the Department of Public Health and will be handled on a case by case basis.

Students who fail to comply with the BHS in Pub_Hlth policies or do not maintain a 2.75 term GPA and GPA of Record will receive communication regarding program probation from the BHS in Pub_Hlth Program. Students who fail to achieve the term GPA and GPA of Record requirement will be given two semesters to bring their term GPA and GPA of Record up to the 2.75 requirement, provided they meet the University’s standards for continued enrollment. Students who do not meet the 2.75 GPA of Record may petition the Associate Chair of the Department of Public Health and will be handled on a case by case basis. Students who fail to comply with the BHS in Pub_Hlth policies or do not maintain a 2.75 term GPA and GPA of Record will receive communication regarding program probation from the BHS in Pub_Hlth Program. Students who fail to achieve the term GPA and GPA of Record requirement will be given two semesters to bring their term GPA and GPA of Record up to the 2.75 requirement, provided they meet the University’s standards for continued enrollment. Students who do not meet the 2.75 GPA of Record may petition the Associate Chair of the Department of Public Health and will be handled on a case by case basis.

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Note: Credit accepted by the University will be accepted without limitation towards this degree. Students must Complete 30 of the last 36 credits with MU authored courses.

In addition to University of Missouri requirements, including University general education, the Bachelor of Health Science in Public Health degree requires the following:

Program Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLSH 1000</td>
<td>Exposition and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>or ENGLSH 1000H</td>
<td>Honors Exposition English</td>
<td></td>
</tr>
<tr>
<td>MATH 1100</td>
<td>College Algebra</td>
<td>3-5</td>
</tr>
<tr>
<td>or MATH 1160</td>
<td>Precalculus Mathematics</td>
<td></td>
</tr>
<tr>
<td>BIO_SC 1010 &amp; BIO_SC 1020</td>
<td>General Principles and Concepts of Biology and General Biology Laboratory</td>
<td>5</td>
</tr>
<tr>
<td>or BIO_SC 1500</td>
<td>Introduction to Biological Systems with Laboratory Honors</td>
<td></td>
</tr>
<tr>
<td>or BIO_SC 1500H</td>
<td>Introduction to Biological Systems with Laboratory Honors</td>
<td></td>
</tr>
<tr>
<td>Physical Science course</td>
<td></td>
<td>1+</td>
</tr>
<tr>
<td>PSYCH 1000</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>or PSYCH 1000H</td>
<td>General Psychology - Honors</td>
<td></td>
</tr>
<tr>
<td>RU_SOC 1000</td>
<td>Rural Sociology</td>
<td>3</td>
</tr>
<tr>
<td>or SOCIOL 1000</td>
<td>Introduction to Sociology</td>
<td></td>
</tr>
<tr>
<td>or SOCIOL 1000H</td>
<td>Introduction to Sociology Honors</td>
<td></td>
</tr>
<tr>
<td>STAT 1200</td>
<td>Introductory Statistical Reasoning (a grade of C or higher is required)</td>
<td>3</td>
</tr>
<tr>
<td>or STAT 1400</td>
<td>Elementary Statistics for Life Sciences</td>
<td></td>
</tr>
<tr>
<td>or ESC_PS 4170</td>
<td>Introduction to Applied Statistics</td>
<td></td>
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Major Core Requirements

- Complete BIO_SC 1010/1020 or 1500, a physical science course, PSYCH 1000, and SOCIOL 1000 or RU_SOC 1000 with a grade of C- or higher.
- Complete 12 approved diversity credit hours, including at least 6 hours of Public Health Electives with a grade of C (2.0 on a 4.0 scale) or higher.
- Earn a minimum of 30 credit hours taken at the 3000/4000 (junior/senior) level. Lower-division transfer courses accepted as upper-division courses at MU cannot be used to fulfill this requirement.
- Complete all Public Health core courses with a grade of C (2.0 on a 4.0 scale) or higher, except P_HLTH 2200 (or equivalent, i.e. HLTH_SCI 3300), which requires a grade of B– or higher.
P_HLTH 2200  Introduction to Public Health and Health Promotion (a grade of B- or higher is required. P_HLTH 2200 is preferred but P_HLTH 3300 OR HLTH_SCI 3300 will be accepted.) ~

or P_HLTH 3300 Public Health Principles, Practice, and Education

or HLTH_SCI 3300 Public Health Principles, Practice, and Education

P_HLTH 3310 Social and Behavioral Health Theory and Practice ~

P_HLTH 3400 Global Public Health and Health Care Systems ~

P_HLTH 3450 Introduction to Epidemiology ~

P_HLTH 3460 Introduction to Public Health and Emergency Preparedness ~

P_HLTH 3900W Introduction to The Research Process and Evidence Base - Writing Intensive ~

P_HLTH 4001 Topics in Public Health (Starting Fall 2020, P_HLTH 3600 and P_HLTH 3610 are being replace by P_HLTH Topics 4001: Public Health Programs. Students must also take a 3 credit hour BHS in Public Health Elective in addition to this course) ~

P_HLTH 4350 Principles of Environmental Health for Public Health ~

P_HLTH 4485 Ethics in Public Health ~

P_HLTH 4970 Public Health Capstone: Digital Storytelling (Grade of C- or higher in P_HLTH 4970 or P_HLTH 4975) ~

or P_HLTH 4975 Public Health Capstone: Emerging Issues in Public Health ~

P_HLTH 4975 Public Health Capstone: Emerging Issues in Public Health (Course may be taken as an elective or as a capstone. Course may be taken up to two times with different subject matter.) ~

or P_HLTH 4970 Public Health Capstone: Digital Storytelling ~

In addition to the courses listed above, students must take 12 diversity credits, six of which must be BHS Pub_Hlth electives (Grade of C (2.0 on a 4.0 scale) or higher is required.) ~

Recommended Electives

P_HLTH 1000 Introduction to Public Health 1

P_HLTH 2050 Gender and Public Health 3

P_HLTH 3560 Public Health and Environmental Justice 3

P_HLTH 3660 Chronic Disease and Public Health Approaches 3

P_HLTH 3660 Infectious Disease and Public Health Approaches 3

P_HLTH 3680 Autism Spectrum Disorder and Public Health 3

P_HLTH 3680 Public Health, Drugs and Policy 3

P_HLTH 3965 Strategies for Effective Peer Education in Public Health 1

P_HLTH 4002 Public Health Study Abroad 1-6

P_HLTH 4960 Qualitative Approaches to Understanding Public Health Problems 3

Semester Plan

Below is a sample plan of study for the BHS in Public Health.

First Year

Fall | CR | Spring | CR
--- | --- | --- | ---
ENGLISH 1000 | 3 | MATH 1100 | 3
PSYCH 1000 | 3 | RU_SOC 1000 | 3
General Education/Electives (6 credits) | 6 | BIO_SC 1010 | 3
Approved Diversity Course (3 credits) | 3 | BIO_SC 1020 | 2
General Education/Electives (4 credits) |  |  | 4

Second Year

Fall | CR | Spring | CR
--- | --- | --- | ---
STAT 1200 (MRP) | 3 | P_HLTH 2200 or 3300 | 3
Physical Science Course (1+ credits) | 1+ | General Education/Electives (12 credits) | 12
General Education/Electives (9 credits) | 9 |  | 3
Public Health Elective as an approved Diversity Course Option (3 credits) |  |  | 3

Third Year

Fall | CR | Spring | CR
--- | --- | --- | ---
HLTH_SCI 3310 | 3 | P_HLTH 3400 | 3
HLTH_SCI 4300 | 3 | P_HLTH 4001 (Public Health Programs, students must also take 1 additional Public Health Elective) | 3
P_HLTH 3450 | 3 | Additional BHS in Public Health Elective take with P_HLTH 4001 | 3
Public Health Elective as an approved Diversity Course Option (3 credits) | 3 | P_HLTH 3900W | 3
Elective (3 credits) | 3 | Elective (3 credits) | 3

Fourth Year

Fall | CR | Spring | CR
--- | --- | --- | ---
P_HLTH 3460 | 3 | P_HLTH 4970 or 4975 | 3
P_HLTH 4350 | 3 | Approved Diversity Coursework | 3
P_HLTH 4485 | 3 | Elective (9 credits) | 9
Electives (6 credits) | 6 |  | 3

Total Credits: 120-121

^ Program Requirements require grades of C- or higher.

~ Major Core Requirements require grades of C or higher.